

Blueprint Reading for Welders

TEWT - 1165 105

Course Description

Basic study of blueprint reading and drawing, welding symbols (AWS and SI), and NDT symbols.

Semester(s) taught: All

Course Student Learning Outcomes

- Interpret the meaning of "Auxiliary Views" on a blueprint.
- Interpret the meaning of "Section Views" on a Blueprint.
- Interpret information given in "Detail, Assembly, and Subassembly" blueprints.
- Interpret AWS welding symbols on a blueprint.
- Interpret Pipe layout symbols.
- Interpret "Dual Dimensioning" on a blueprint.
- Interpret AWS non-destructive testing symbols on a blueprint.
- Interpret ISO welding symbols used on blueprints.
- Identify components of a CAD system.

Engagement Plan

- I will respond to email within 3 BUSINESS DAYS. I will offer feedback on major assignments within 7 BUSINESS DAYS. The best way to contact me is via the

Canvas Inbox, as I will prioritize this email over other modes of communication.

- ATTENDANCE IS MANDATORY AND STUDENTS ARE RESPONSIBLE FOR REACHING OUT WHEN NEEDING ASSISTANCE.

Required Text or Materials

Title: WELDING PRINT READING

ISBN: 0-357-37765-6

Edition: 8TH EDITION

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Additional Materials

- PENCIL
- PAPER
- ERASER
- 12" RULER
- CALCULATOR
- PHONE/COMPUTER OR COMPUTER LOGIN TO ACCESS CANVAS IN THE COMPUTER LAB

Brief Description of Assignments/Exams

see printout from first day of class

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0

Due Date	Assignment Name	Assignment Type	Points
	Introduce Yourself	Discussion	0
	Module 1 Quiz	Quiz	13
	Module 2 Quiz	Quiz	18
	Module 3 Quiz	Quiz	20
	Module 4 Quiz	Quiz	18
	Module 5 Quiz	Quiz	20
	Module 6 Quiz	Quiz	10
	Roll Call Attendance	Assignment	100
	Welding Print Reading Test 2025	Quiz	100

Grading Scale

Check canvas often for grades

Academic Integrity

Academic honesty is essential in this class. Cheating, plagiarism, or misrepresenting your work in any way will not be tolerated. Beyond being unethical, cheating ultimately cheats you out of the skills and knowledge you need for your career. Welding and fabrication are hands-on professions where safety, accuracy, and integrity matter every day on the job. Cutting corners here means you may not have the understanding needed when it really counts in industry—where mistakes can risk jobs, projects, or even lives.

Do your own work, ask for help when needed, and commit to learning the material honestly. By holding yourself to a high standard, you are not only respecting the learning process but also preparing yourself to succeed as a professional.

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

Advising and Counseling Support Services

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

Student Academic Calendar

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)